# Fizz Buzz Technical Challenge

## Brief

This challenge is to assess your abilities to create a cross platform application, using Agile best practices and software engineering best practices. You must not only fulfil the functional requirements but also technical non-functional requirements.

## **The Functional Requirements**

Please build an Application that can be console, web or WPF

So, that when a user enters a number

Then a response will be given back to the user, on meeting the following condition

If the entered number is a multiple of 3 there will be a response of Fizz

If the entered number is a multiple of 5 there will be a response of Buzz

Else return nothing.

## The Non-Functional Requirements

The layout of the application is not important. We will be assessing your solution on how well it follows Dot.Net best practices, Software Development best practices, Test Driven Development Best Practices and Source Control Best Practices•. We will be looking to see you implement SOLID Principles, Software Design Patterns amongst the other best practices.

Please post your solution on GitHub and give your recruiter the link to the solution. For you to be successful, the solution must build and run from the first clone. If we are required to make any set up changes, please add this information to a readme.md file in the solution root folder.

\* Note: We are expecting you to follow Git Flow and we will want to see small but frequent commits.